

107.2 Permeation Devices

These SRMs are primarily intended for use in calibrating air pollution monitoring apparatus and for calibrating air pollution analytical

Technical Contact: franklin.guenther@nist.gov

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Tube Length (in cm)	Permeation Rate at 30° C (in mg/min)	Amount-of-Substance Fraction (in mmol/mol) at Dilution Air Flow Rates of (L/min) @ 25° C		
				1	5	10
1625	Sulfur Dioxide Permeation Tube	10	2.8	1.1	0.21	0.11
1626	Sulfur Dioxide Permeation Tube	5	1.4	0.54	0.11	0.054